



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

May 20, 1999

William Bown
Utah Building Stone Supply
842 West 400 North
Woods Cross, Utah 84087

Re: Notice of Conditional Tentative Approval to Commence Large Mining Operations, Utah Building Stone Supply Company, Dove Creek Quarry Mine, M/003/016, Box Elder County, Utah

Dear Mr. Bown:

The Division has completed a review of your latest responses (received May 1, 1998 and April 13, 1999) to our January 24, 1996 deficiency review letter. After reviewing this latest information, the Division hereby grants **conditional** tentative approval of the Dove Creek Quarry large mining permit application. We will not be able to proceed to publish a formal notice of tentative approval until the conditions are addressed. Once we receive an adequate response to these conditions, we will publish a formal notice of tentative approval in the appropriate Salt Lake City and Box Elder county newspapers. This will begin the required 30-day public comment period. If no substantive comments are received during the public comment period, the Division will then be prepared to issue its final approval for this project.

Condition #1

R647-4-106.6: Topsoil Protection

Please provide plans to salvage topsoil from the camp area and redistribute the topsoil at the time of reclamation. The previous operator, Rocktile, Inc. planned to salvage 6" of topsoil from the area prior to disturbance which would be respread at the time of reclamation.

Condition #2

R647-4-109 Impact Assessment

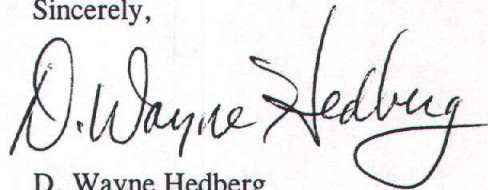
Subparts 109.1 and 109.4 of this rule refer to the projected impacts to surface and groundwater systems and to public health and safety. You will need to acquire a permit from Box Elder County for the camp area. This permit will help assure that potential environmental impacts related to activities conducted within the camp area (including sewage and water disposal, and garbage disposal), will not occur or will be adequately mitigated. A copy of the County approval letter will be sufficient to address this comment.

Page 2
William Bown
M/003/016
May 20, 1999

Prior to issuing final approval, a Reclamation Contract (Form MR-RC) must be completed and filed with this office. It must be attached to the updated reclamation surety for this project. The new reclamation surety amount is \$27,500. Please let us know which type of surety you propose to post so we can provide you with the appropriate form. Please provide us with a "draft" copy of the completed reclamation contract and surety form before they are finalized so we can review them for completeness and accuracy.

The Division will suspend further review of the Dove Creek Quarry mine NOI until your response to this letter is received. If you have any questions in this regard please contact me or Lynn Kunzler of the Minerals Staff at (801) 538-5286 or 538-5310, respectively. Thank you for your cooperation and patience in completing this lengthy permitting process.

Sincerely,

A handwritten signature in black ink that reads "D. Wayne Hedberg". The signature is fluid and cursive, with the first name "D." and last name "Hedberg" clearly legible.

D. Wayne Hedberg
Permit Supervisor
Minerals Regulatory Program

jb
Enclosure: Form MR-RC and guideline, surety estimate
cc: Gordon Struthers, USFS
Mary Ann Wright, DOGM
m03-16.ten

1	RECLAMATION SURETY ESTIMATE					
2	Utah Building Stone Supply		last revision		10/19/98	
3	Dove Creek Quarry		filename m03-16.wb2			
4	M/003/016		Box Elder County			
5	Prepared by Utah State Division of Oil, Gas & Mining					
6	-This estimate uses a D9 size dozer for most earthwork & unit costs from the generic estimate sheet					
7	Acreages used in this estimate are taken from Summary A received 5/1/98					
8	-All quarry areas are assumed to require regrading					
9	-Camp areas will be regraded					
10	-Approximately 7.8 acres of quarry area will require substitute soil materials (composted manure)					
11	-Approximately 3.3 acres of quarry area will receive six inches of topsoil cover					
12	-Approximately 2.0 acres of camp area will receive six inches of topsoil cover					
13	-Approximately 6.3 acres of roads will require ripping					
14	-All surface disturbances (11.10 quarry + 2.3 camp + 6.3 roads) will require broadcast seeding					
15	-Trailer & associated debris near Blue Trailer Camp to be removed from the site					
16	-Portions of the site disturbances are located on USFS lands					
17	Note: actual unit costs may vary according to site conditions					last unit cost update 05/15/99
18	-Amount of disturbed area which will receive reclamation treatments =				19.7 acres	
19	-Estimated total disturbed area for this mine =				19.7 acres	
20	Activity	Quantity	Units	\$/unit	\$	Note
21	Removal of trailer & debris - near blue trailer camp	1	sum	2,000	2,000	(01)
22						
23	Regrading campsite areas	2.3	acre	350	805	(2)
24	Regrading quarry areas	11.1	acre	560	6,216	(3)
25						
26	Ripping access roads - dozer	6.3	acre	260	1,638	(4)
27						
28	Topsoil replacement - dozer	3,540	CY	0.35	1,239	(3)
29						
30	Composted manure	7.8	acre	300	2,340	(05)
31	Broadcast seeding	19.7	acre	170	3,349	(06)
32						
33	General site cleanup & trash removal (50% total site)	9.8	acre	50	490	(07)
34						
35	Equipment mobilization	1	equip	1,000	1,000	(08)
36						
37	Reclamation Supervision	6	days	363	2,178	(9)
38						
39	10% Contingency				21,255	
40					2,126	
41						
42	Escalate for 5 years at 3.27% per yr				Subtotal \$23,381	
					4,081	
					Total	\$27,462
43	Rounded surety amount in yr 2004-\$				\$27,500	
44	Average cost per disturbed acre =		\$1,396			
Note						
(01)	DOGM estimate					
(2)	Means 1998 & Blue Book 4/98: Cat D9N, U, mtl 2550 lb/CY, 50 ft push, 1 ft depth					
(3)	Means 1998 & Blue Book 4/98: Cat D9N, U, mtl 2550 lb/CY, 100 ft push, 1 ft depth					
(4)	Means 1998 & Blue Book 4/98: Cat D9N, U, multi shank rippers, speed 1.0 mph					
(3)	Means 1998 & Blue Book 4/98: Cat D9N, U, mtl 2550 lb/CY, 100 ft push					
(05)	DOGM general estimate - manure \$16/ton delivered, \$14 ton/acre spreading					
(06)	DOGM general estimate - broadcast seeding					
(07)	DOGM general estimate - site cleanup & trash removal					
(08)	DOGM general estimate - equipment mobilization					
(9)	Means 1998, 010-036-0180, project manager, minimum \$1,815/wk					